

WHAT IS CLAIMED IS:

1. An air intake system comprising:

an intake pipe having an upstream end and a downstream end;

a throttle body that is inserted into the intake pipe at a section between the upstream end and the downstream end in an axial direction of the intake pipe so as to define an intake passage with the intake pipe, through which intake gas flows;

a throttle valve which opens and closes the intake passage, the throttle valve being supported in the throttle body; and

a flow blocking member, which is integrally formed with the intake pipe, for blocking a flow of a specific fluid toward the throttle valve in the intake passage.

2. The air intake system according to claim 1, wherein:

the flow blocking member is arranged at an upstream side with respect to the throttle valve in the intake passage; and

the specific fluid is a condensate of the intake gas passing through the intake passage.

3. The air intake system according to claim 2, wherein:

the flow blocking member forms an inlet port which

opens to an upstream side in the intake passage; and

the inlet port is provided in such a manner that the condensate is introduced into the inlet port from an upstream side with respect to the throttle valve in the intake passage.

4. The air intake system according to claim 3, wherein:

the flow blocking member includes

an inner-pipe section that is arranged in an inner peripheral side of the intake pipe substantially in parallel in axial so as to form the inlet port between the intake pipe and the inner-pipe section, and

a blocking section that closes between the intake pipe and the inner-pipe section on a downstream side with respect to the inlet port of the flow blocking member.

5. The air intake system according to claim 1, wherein:

the flow blocking member is arranged at a downstream side with respect to the throttle valve in the intake passage; and

the specific fluid is exhaust gas exhausted from an internal combustion engine and introduced into the intake passage.

6. The air intake system according to claim 5, wherein:

the intake pipe has an introduction port for introducing the exhaust gas to a downstream side with respect to the throttle valve in the intake passage;

the flow blocking member forms an outlet port, which opens to a downstream side in the intake passage, on a downstream side with respect to the introduction port of the intake passage; and

the flow blocking member is provided to guide the exhaust gas, which is introduced into the introduction port, to a downstream side through the outlet port.

7. The air intake system according to claim 6, wherein:

the flow blocking member includes

an inner-pipe section that is arranged in an inner peripheral side of the intake pipe substantially in parallel in axial so as to form the outlet port between the intake pipe and the inner-pipe section, and

a blocking section that closes between the intake pipe and the inner-pipe section on an upstream side with respect to the introduction port of the intake passage.

8. The air intake system according to claim 1, further comprising:

a cleaner filter which filters intake gas; and

a cleaner case, that receives the cleaner filter, through which intake gas after passing through the cleaner

filter is introduced into an upstream end section of the air-intake passage,

wherein at least a portion of the cleaner case is integrally formed with the intake pipe and the flow blocking member.

9. The air intake system according to claim 1, further comprising an intake manifold that distributes intake gas from a downstream end section of the intake passage to cylinders of an internal combustion engine,

wherein at least a portion of the intake manifold is integrally formed with the intake pipe and the flow blocking member.